CLAIMS

The following listing of claims lists all of the pending claims, and supersedes all prior listings, and versions, of claims in this application.

LISTING OF CLAIMS:

1. (Original) A method of obtaining search results, comprising:

parsing statements from at least one Semantic Web structured resource to identify component words;

constructing an index from said component words, said index relating said component words to said statements;

comparing said component words to a search term to identify matching words;

identifying related ones of said statements for said matching words based on said index;

obtaining predicates, instances, types of said instances, and literal values of said related ones of said statements; and

summarizing said predicates, instances, types, and literal values for presentation to a user as said search results.

2. (Original) The method of claim 1, wherein summarizing comprises:

arranging said predicates, instances, types, and literal values into one or more graphical representations; and

grouping said graphical representations according to at least one of said types and said literal values.

3. (Original) The method of claim 1, comprising:

identifying Semantic Web structured resources to obtain identified Semantic Web structured resources;

gathering statements from said identified Semantic Web structured resources to obtain gathered statements;

presenting said gathered statements for parsing of said gathered statements;

wherein constructing an index comprises updating said index based on the parsing of said gathered statements; and

wherein said identifying, gathering and presenting are iteratively performed.

4. (Original) The method of claim 3, wherein summarizing comprises:

arranging said predicates, instances, types, and literal values into one or more graphical representations; and

grouping said graphical representations according to at least one of said types and said literal values.

5. (Original) A computer-readable medium containing instructions for controlling a processor to construct a database by:

visiting sites on a network to identify Semantic Web structured resources;

gathering statements from said Semantic Web structured resources;

parsing of said statements to identify component words;

constructing an index from said component words, said index relating said component words to said statements;

storing said index as said database on said computer-readable medium; and

updating said database by iteratively performing said visiting, said gathering, said parsing, said constructing, and said storing.

6. (Original) The computer-readable medium of claim 5, further comprising instructions for controlling the processor to obtain search results for a search query using said database by:

obtaining predicates, instances, types of said instances, and literal values of said statements related to search terms of said query by said index; and

summarizing said predicates, instances, types, and literal values for presentation to a user as said search results.

7. (Original) The computer readable medium of claim 6, further comprising instruction for controlling the processor to display said search results by:

arranging said predicates, instances, types, and literal values into one or more graphical representations; and

grouping said graphical representations according to at least one of said types and said literal values.

8. (Original) A system for obtaining search results for a query prepared by a user, comprising:

at least one parser receiving statements from Semantic Web structured resources and identifying component words of said statements;

a processor for constructing an index relating said component words to said statements;

a database for storing said index;

a search engine for matching search terms of said query to said component words to obtain matched words, said search engine identifying said statements related to said matched words;

a servlet for obtaining predicates, instances, types of said instances, and literal values of said statements related to said matched words; and

an object viewer for summarizing said predicates, instances, types, and literal values for presentation to said user as said search results.

9. (Original) The system of claim 8, wherein said object viewer comprises:

means for arranging said predicates, instances, types, and literal values into one or more graphical representations; and

10. (Original) The system of claim 8, comprising:

means for identifying Semantic Web structured resources to obtain identified Semantic Web structured resources;

means for gathering statements from said identified Semantic Web structured resources to obtain gathered statements;

means for presenting said gathered statements for parsing of said gathered statements;

means for iteratively invoking said means for identifying, said means for gathering and said means for presenting, and

wherein said processor comprises means for updating said index based on the parsing of said gathered statements.

11. (Original) The system of claim 10, wherein said object viewer comprises:

means for arranging said predicates, instances, types, and literal values into one or more graphical representations; and

means for grouping said graphical representations according to at least one of said types and said literal values.

12. (Original) A computer program, disposed on a computer readable medium, for enabling searching of and presentation of search results from Semantic Web structured resources, said computer program including instructions for causing a processor to:

parse statements from at least one Semantic Web structured resource to identify component words;

construct an index from said component words, said index relating said component words to said statements;

compare said component words to a search term to identify matching words;

identify related ones of said statements for said matching words based on said index;

obtain predicates, instances, types of said instances, and literal values of said related ones of said statements; and

summarize said predicates, instances, types, and literal values for presentation to a user as said search results.

13. (Original) The computer program of claim 12, wherein said instructions for causing a processor to summarize further comprise instructions for causing a processor to:

arrange said predicates, instances, types, and literal values into one or more graphical representations; and

group said graphical representations according to at least one of said types and said literal values.

14. (Original) The computer program of claim 12, wherein said instructions further comprise instructions for causing a processor to:

identify Semantic Web structured resources to obtain identified Semantic Web structured resources;

gather statements from said identified Semantic Web structured resources to obtain gathered statements;

present said gathered statements for parsing of said gathered statements;

wherein said instructions for causing a processor to construct an index comprise instructions for causing a processor to update said index based on the parsing of said gathered statements; and

wherein said instructions for causing a processor to identify, gather and present comprise instructions for causing a processor to iteratively identify, gather and present.

15. (Original) The computer program of claim 14, wherein said instructions for causing a processor to summarize further comprise instructions for causing a processor to:

arrange said predicates, instances, types, and literal values into one or more graphical representations; and

group said graphical representations according to at least one of said types and said literal values.